

(use as many sheets as necessary)

Sheet	1	of	1
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Application Number	09/746,960
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Filing Date	12/21/2000
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First Named Inventor	Eldridge et al.
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Group Art Unit	3621
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Examiner Name	K. Cuneo
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Attorney Docket No.	P3D4-US
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GROUP 3600

Examiner
Signature

Jeremy Norris

Date
Considered

7-6-04

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

Complete If Known

Application Number	09/746,960
Filing Date	12/21/2000
First Named Inventor	Eldridge et al.
Group Art Unit	3621
Examiner Name	K. Cuneo
Attorney Docket No.	P3D4-US

U.S. PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions	
		Number	Kind Code ²				
JCN	1	3271851		Hays	9/1996		
	2	3753665		McCary et al.	8/1973		
	3	3844909		McCary et al.	10/1974		
	4	4659437		Shiba et al.	4/1987		
	5	4764848		Simpson	8/1988		
	6	4893172		Matsumoto et al.	1/1990		
	7	4955523		Carlomagno et al.	9/1990		
	8	4998885		Beaman	3/1991		
	9	5037023		Akiyama et al.	8/1991		
	10	5045975		Cray et al.	9/1991		
	11	5189507		Carlomagno et al.	2/1993		
	12	5210939		Malik et al.	5/1993		
	13	5294039		Pai et al.	3/1994		
	14	5309324		Herandez et al.	5/1994		
	15	5455390		DiStefano et al.	10/1992		
	16	5476211		Khandros	12/1992		
	17	5518939		DiStefano et al.	5/1993		
	18	5601740		Eldridge et al.	2/1997		
	19	5608966		Donner et al.	3/1997		
	20	5665654		Stansbury	9/1997		

FOREIGN PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions		T ⁶
		Office ³	Number ⁴	Kind Code ⁵					
JCN	21	DE	2354256			10/1973			
	22	DE	2540321			9/1975			
	23	DE	2618867			4/1976			
	24	DE	2652077			5/1978			
	25	DE	3129568			4/1982			
	26	DE	3704200			8/1988			

Examiner Signature	Jeremy Morris	Date Considered	7-6-04
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 3**Complete If Known**

Application Number	09/746,960
Filing Date	12/21/2000
First Named Inventor	Eldridge et al.
Group Art Unit	3621
Examiner Name	K. Cuneo
Attorney Docket No.	P3D4-US

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T ⁶
		Office ²	Number ³	Kind Code ⁴				
<i>JS</i>	27	DE	3709222			9/1988		
	28	DE	3744099			2/1989		
	29	DE	4232745			3/1994		
	30	EP	0 002 166			5/1979		
	31	EP	0 205 190			12/1986		
	32	EP	0 396248			11/1990		
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	34	EP	0500074			8/1992		
	35	EP	0528367			2/1993		
	36	EP	0593966			4/1994		
	37	EP	0610631			8/1994		
	38	EP	0642163			3/1995		
	39	FR	2 622 741			5/1989		
	40	FR	2643753			8/1990		
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	42	JP	57012543			1/1982		
	43	JP	60097655			11/1983		
	44	JP	59155161			9/1984		
	45	JP	59211253			11/1984		
	46	JP	60236252			11/1985		
	47	JP	61051838			3/1986		
	48	JP	61160958			7/1986		
	49	JP	61170054			7/1986		
	50	JP	61287254			12/1986		
	51	JP	61291991			12/1986		
	52	JP	62097360			5/1987		
	53	JP	62105459			5/1987		
	54	JP	62113457			5/1987		
	55	JP	62120057			6/1987		
	56	JP	02034949			2/1990		
	57	JP	02183538			7/1990		
	58	JP	3142847			6/1991		
	59	JP	05259334			10/1993		

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Examiner Signature	<i>Jeremy Norris</i>	Date Considered	<i>7-6-04</i>
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**INFORMATION DISCLOSURE
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(use as many sheets as necessary)

Sheet	3	of	3
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Complete If Known

Application Number	09/746,960
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First Named Inventor	Eldridge et al.
Group Art Unit	3621
Examiner Name	K. Cuneo
Attorney Docket No.	P3D4-US

OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
Jerry	60	"Method of Testing Chips and Joining Chips to Substrates" Research Disclosure, No. 322, p.130, February 1991.	
	61	"Bitmetal VLSI Chip Interconnections" IBM Technical Disclosure Bulletin, Vol.29, No. 11, pp. 5021-5022, April 1987.	
	62	"Method for Large Board Engineering Changes and Repair", IBM Technical Disclosure Bulletin, Vol.37, No. 02B, pp. 583-585, February 1994.	
	63	"Engineering Change Interposer" IBM Technical Disclosure Bulletin, Vol.37, No. 9, p.157, September 1994.	
	64	Ensworth, G.B., "Method of Testing Chips and Joining Chips to Substrates", 2244 Research Disclosure, No. 322, February 1991.	
	65	"Bare-Chip-Attachment Method Spread I/O, Permits Pre-testing", 2328 Electronic Design, Vol.39, No. 10, May 23, 1991.	
	66	IBM Technical Disclosure Bulletin, Vol. 29, No. 8, p.3754, January 1987.	

Examiner Signature	<i>Jerry Morris</i>	Date Considered	7-6-04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	09/746,960
				Filing Date	12/21/2000
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket No.	P3D4-US

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
fl	A	4,418,857		Ainslie et al.	12/6/1983	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T ³
		Office ⁴	Number ⁵	Kind Code ⁶				

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fl	B	WEAST, Handbook Of Chemistry and Physics (1975-1976), pp. D-171 to D-172, (CRC Press, Cleveland, Ohio)	

Examiner Signature	<i>Sheller</i>	Date Considered	8/26/02
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